

09682896\_CLS

Most Frequently Occurring Classifications of Patents Returned  
From A Search of 09682896 on August 11, 2004

Original Classifications

3	341/20
3	341/23
2	235/472.01
2	341/28
2	345/169
2	345/173
2	345/179
2	380/52
2	434/112
2	455/566

Cross-Reference Classifications

6	341/22
5	345/169
5	400/485
4	341/20
4	341/23
4	345/168
4	400/110
3	341/21
3	341/28
2	200/6A
2	235/462.45
2	340/543
2	340/825.19
2	345/170
2	345/171
2	345/172
2	345/173
2	345/179
2	345/810
2	345/856
2	361/686
2	379/368
2	400/483
2	400/486
2	400/83
2	434/113
2	434/227
2	455/566
2	708/146
2	715/532
2	715/534

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2 715/535  
2 902/1  
2 902/20

Combined Classifications

7 341/20  
7 341/23  
7 345/169  
6 341/22  
5 341/28  
5 345/168  
5 400/485  
4 345/173  
4 345/179  
4 400/110  
4 455/566  
3 341/21  
3 345/171  
3 345/810  
3 708/146  
2 200/6A  
2 235/462.45  
2 235/472.01  
2 340/543  
2 340/825.19  
2 345/170  
2 345/172  
2 345/684  
2 345/856  
2 361/686  
2 379/368  
2 380/52  
2 400/483  
2 400/486  
2 400/83  
2 434/112  
2 434/113  
2 434/227  
2 715/532  
2 715/534  
2 715/535  
2 902/1  
2 902/20

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Titles of Most Frequently Occurring Classifications of Patents Returned

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7 341/20 (3 OR, 4 XR)  
Class 341 : CODED DATA GENERATION OR CONVERSION  
341/20 BODILY ACTUATED CODE GENERATOR

7 341/23 (3 OR, 4 XR)  
Class 341 : CODED DATA GENERATION OR CONVERSION  
341/20 BODILY ACTUATED CODE GENERATOR  
341/22 . Including keyboard or keypad  
341/23 .. Variable key legends

7 345/169 (2 OR, 5 XR)  
Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR  
DISPLAY INTERFACE PROCESSING, AND SELECTIVE VISUAL

DISPLAY

345/156 SYSTEMS  
345/168 DISPLAY PERIPHERAL INTERFACE INPUT DEVICE  
345/169 . Including keyboard  
.. Portable (i.e., handheld, calculator, remote  
controller)

6 341/22 (0 OR, 6 XR)  
Class 341 : CODED DATA GENERATION OR CONVERSION  
341/20 BODILY ACTUATED CODE GENERATOR  
341/22 . Including keyboard or keypad

5 341/28 (2 OR, 3 XR)  
Class 341 : CODED DATA GENERATION OR CONVERSION  
341/20 BODILY ACTUATED CODE GENERATOR  
341/22 . Including keyboard or keypad  
341/28 .. For pictorial or ideographic characters  
(e.g., design, chinese or japanese characters)

rs)

5 345/168 (1 OR, 4 XR)  
Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR  
DISPLAY INTERFACE PROCESSING, AND SELECTIVE VISUAL

DISPLAY

345/156 SYSTEMS  
345/168 DISPLAY PERIPHERAL INTERFACE INPUT DEVICE  
. Including keyboard

5 400/485 (0 OR, 5 XR)  
Class 400 : TYPEWRITING MACHINES

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400/472 KEY-BOARD OR KEY LEVER-ACTUATING MECHANISM  
400/485 .Key-board having multiple-character,  
multiple-movement keys

4 345/173 (2 OR, 2 XR)  
Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR  
INTERFACE PROCESSING, AND SELECTIVE VISUAL  
DISPLAY  
SYSTEMS  
345/156 DISPLAY PERIPHERAL INTERFACE INPUT DEVICE  
345/173 .Touch panel

4 345/179 (2 OR, 2 XR)  
Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR  
INTERFACE PROCESSING, AND SELECTIVE VISUAL  
DISPLAY  
SYSTEMS  
345/156 DISPLAY PERIPHERAL INTERFACE INPUT DEVICE  
345/179 .Stylus

4 400/110 (0 OR, 4 XR)  
Class 400 : TYPEWRITING MACHINES  
400/109 FOREIGN LANGUAGE OR BRAILLE TYPEWRITER  
400/110 .Including Oriental language

4 455/566 (2 OR, 2 XR)  
Class 455 : TELECOMMUNICATIONS  
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.  
TRANSCEIVER)  
455/550.1 .Radiotelephone equipment detail  
455/566 ..Having display

3 341/21 (0 OR, 3 XR)  
Class 341 : CODED DATA GENERATION OR CONVERSION  
341/20 BODILY ACTUATED CODE GENERATOR  
341/21 .For handicapped user

3 345/171 (1 OR, 2 XR)  
Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR  
INTERFACE PROCESSING, AND SELECTIVE VISUAL  
DISPLAY  
SYSTEMS  
345/156 DISPLAY PERIPHERAL INTERFACE INPUT DEVICE  
345/168 .Including keyboard  
345/171 ..Having foreign language capability (e.g.,  
Japanese, Chinese)

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3 345/810 (1 OR, 2 XR)  
Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR  
INTERFACE PROCESSING, AND SELECTIVE VISUAL  
DISPLAY

345/700 SYSTEMS  
OPERATOR INTERFACE (E.G., GRAPHICAL USER  
INTERFACE)

345/764 .On-screen workspace or object

345/810 ..Menu or selectable iconic array (e.g.,  
palette)

3 708/146 (1 OR, 2 XR)  
Class 708 : ELECTRICAL COMPUTERS: ARITHMETIC PROCESSING  
AND CALCULATING

708/100 ELECTRICAL DIGITAL CALCULATING COMPUTER

708/131 .Having specialized input

708/142 ..Including specific keyboard-type information  
entry

708/146 ...Key sequencing (i.e., sequence defines  
function)

2 200/6A (0 OR, 2 XR)  
Class 200 : ELECTRICITY: CIRCUIT MAKERS AND BREAKERS

200/1R MULTIPLE CIRCUIT CONTROL

200/6R .Pivoted contact

200/6A ..Universally pivoted handle

2 235/462.45 (0 OR, 2 XR)  
Class 235 : REGISTERS

235/435 CODED RECORD SENSORS

235/439 .Particular sensor structure

235/454 ..Optical

235/462.01 ...Bar code

235/462.43 ....Specified housing or mounting detail

235/462.45 .....Hand-held (e.g., portable)

2 235/472.01 (2 OR, 0 XR)  
Class 235 : REGISTERS

235/435 CODED RECORD SENSORS

235/439 .Particular sensor structure

235/454 ..Optical

235/472.01 ...Hand-held (e.g., portable)

2 340/543 (0 OR, 2 XR)  
Class 340 : COMMUNICATIONS: ELECTRICAL  
340/500 CONDITION RESPONSIVE INDICATING SYSTEM

340/540 .Specific condition

340/541 ..Intrusion detection

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340/542        . . . Lock

340/543        . . . . Permutation

2 340/825.19    (0 OR, 2 XR)

    Class 340 : COMMUNICATIONS: ELECTRICAL

    340/825      SELECTIVE

    340/825.19    .Communication or control for the handicapped

2 345/170        (0 OR, 2 XR)

    Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR

                  INTERFACE PROCESSING, AND SELECTIVE VISUAL

DISPLAY

                  SYSTEMS

    345/156        DISPLAY PERIPHERAL INTERFACE INPUT DEVICE

    345/168        .Including keyboard

    345/170        ..Light source associated with each key

2 345/172        (0 OR, 2 XR)

    Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR

                  INTERFACE PROCESSING, AND SELECTIVE VISUAL

DISPLAY

                  SYSTEMS

    345/156        DISPLAY PERIPHERAL INTERFACE INPUT DEVICE

    345/168        .Including keyboard

    345/172        ..Having programmable function key

2 345/684        (1 OR, 1 XR)

    Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR

                  INTERFACE PROCESSING, AND SELECTIVE VISUAL

DISPLAY

                  SYSTEMS

    345/418        COMPUTER GRAPHICS PROCESSING

    345/619        .Graphic manipulation (object processing or

                    display attributes)

    345/672        ..Translation

    345/682        ...Image based (addressing)

    345/684        ....Scrolling

2 345/856        (0 OR, 2 XR)

    Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR

                  INTERFACE PROCESSING, AND SELECTIVE VISUAL

DISPLAY

                  SYSTEMS

    345/700        OPERATOR INTERFACE (E.G., GRAPHICAL USER

                    INTERFACE)

    345/764        .On-screen workspace or object

    345/856        ..Cursor

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2 361/686 (0 OR, 2 XR)  
Class 361 : ELECTRICITY: ELECTRICAL SYSTEMS AND DEVICES

361/600 HOUSING OR MOUNTING ASSEMBLIES WITH DIVERSE  
ELECTRICAL COMPONENTS

361/679 .For electronic systems and devices

361/683 ..Computer related support

361/686 ...Input/output device support

2 379/368 (0 OR, 2 XR)  
Class 379 : TELEPHONIC COMMUNICATIONS

379/350 SUPERVISORY OR CONTROL LINE SIGNALING

379/352 .Substation originated

379/368 ..Plural-switch number input device (e.g.,  
keypad)

2 380/52 (2 OR, 0 XR)  
Class 380 : CRYPTOGRAPHY

380/287 ELECTRIC SIGNAL MODIFICATION

380/52 .Including particular structure or housing  
(e.g., display, keyboard)

2 400/483 (0 OR, 2 XR)  
Class 400 : TYPEWRITING MACHINES

400/472 KEY-BOARD OR KEY LEVER-ACTUATING MECHANISM

400/483 .For Braille typewriter

2 400/486 (0 OR, 2 XR)  
Class 400 : TYPEWRITING MACHINES

400/472 KEY-BOARD OR KEY LEVER-ACTUATING MECHANISM

400/486 .Key-board arranged according to character  
location

2 400/83 (0 OR, 2 XR)  
Class 400 : TYPEWRITING MACHINES

400/83 DISPLAYING TYPEWRITER-FORMED REPRESENTATION OF  
PRINT-LINE

2 434/112 (2 OR, 0 XR)  
Class 434 : EDUCATION AND DEMONSTRATION

434/112 COMMUNICATION AIDS FOR THE HANDICAPPED

2 434/113 (0 OR, 2 XR)  
Class 434 : EDUCATION AND DEMONSTRATION

434/112 COMMUNICATION AIDS FOR THE HANDICAPPED

434/113 .Tactile reading aid (e.g., Braille, etc.)

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2 434/227 (0 OR, 2 XR)  
Class 434 : EDUCATION AND DEMONSTRATION  
434/219 OCCUPATION  
434/227 .Keyboard operation (e.g., typing, key  
punching, etc.)

2 715/532 (0 OR, 2 XR)  
Class 715 : DATA PROCESSING: PRESENTATION PROCESSING OF  
DOCUMENT  
715/530 EDIT, COMPOSITION, OR STORAGE CONTROL  
715/531 .Text  
715/532 ..Dictionary

2 715/534 (0 OR, 2 XR)  
Class 715 : DATA PROCESSING: PRESENTATION PROCESSING OF  
DOCUMENT  
715/530 EDIT, COMPOSITION, OR STORAGE CONTROL  
715/531 .Text  
715/534 ..Input of abbreviated word form

2 715/535 (0 OR, 2 XR)  
Class 715 : DATA PROCESSING: PRESENTATION PROCESSING OF  
DOCUMENT  
715/530 EDIT, COMPOSITION, OR STORAGE CONTROL  
715/531 .Text  
715/535 ..Ideographic generator

2 902/1 (0 OR, 2 XR)  
Class 902 : ELECTRONIC FUNDS TRANSFER  
902/1 WITH ELECTRONIC MEANS PROVIDING SECURITY

2 902/20 (0 OR, 2 XR)  
Class 902 : ELECTRONIC FUNDS TRANSFER  
902/8 TERMINAL\* WITH MEANS PERMITTING DEPOSIT OR  
WITHDRAWAL (E.G., ATM)  
902/20 .With specific data input means (e.g.,  
keyboard)